

Amendments to the Specification:

Please amend the title to read as follows:

METHOD FOR PRODUCING AN LED LIGHT SOURCE COMPRISING A
LUMINESCENCE CONVERSION ELEMENT

At page 2, line 1, please delete the subheading:

“Description”

At page 2, line 6 , please delete the first paragraph beginning with the words:

“The disclosure content of ...”

Please insert the following new paragraph after the title:

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is the National Stage of International Application No. PCT/DE2003/003493, filed October 21, 2003, which claims the benefit of German Patent Applications Serial No. 10250633.7, filed on October 30, 2002 and 10257664.5 filed on December 10, 2002. The contents of both applications are hereby incorporated by reference in their entireties.

At page 2, after the new paragraph “Cross-Reference to”, insert a new subheading:

FIELD OF THE INVENTION

At page 2,line 13, insert a new subheading:

BACKGROUND OF THE INVENTION

At page 3, line 12, insert a new subheading:

SUMMARY OF THE INVENTION

Please amend the paragraph beginning at page 3, line 16, as follows:

This object is achieved by means of a method ~~according to Claim 1. Claims 2 to 14 as set forth below contain advantageous improvements of the invention.~~

Please amend the paragraph beginning at page 3, line 19, as follows:

A method ~~according to Claim 1~~ from following description particularly enables multiple LED light sources to be produced simultaneously from similar LED chips in a wafer composite.

At page 6, in the blank space above the paragraph beginning "Further advantages" insert a new subheading:

BRIEF DESCRIPTION OF THE DRAWINGS

At page 7, line 1, in the blank space above the paragraph beginning "Figure 1a" insert a new subheading:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please replace the abstract at page 13 with the following amended abstract:

~~Abstract~~

ABSTRACT

~~Method for producing an LED light source comprising a luminescence conversion element~~

The invention describes a method for producing a light-emitting-diode (LED) light source, particularly comprising mixed-color LEDs, wherein at least a portion of primary radiation emitted by a chip is transformed by luminescence conversion. Said chip comprises a front-side (i.e., the side facing in the direction of radiation) electrical contact to whose surface a luminescence conversion material is applied in the form of a thin layer. Prior to coating, the front-side electrical contact is raised by the application of an electrically conductive material to

the electrical contact surface.

The method enables specific color coordinates to be adjusted selectively by monitoring the color coordinates (IEC chromaticity diagram) and thinning the layer of luminescence conversion material. In addition, the method is suited in particular for simultaneously producing a plurality of LED light sources from a multiplicity of similar chips in a wafer composite.

~~Fig. 1d~~